

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Previously Presented): A contents purveying system, comprising: including  
a data processor having a reproduction program configured to reproduce for  
~~reproducing~~ contents data;[[,]]

a portable reproducing device configured to store for storing the contents data  
furnished from said data processor on a recording medium for reproduction; and

a contents server configured to distribute for distributing the contents data over a  
network to said data processor, wherein ~~said data processor is configured so that~~

a first master key and a first authentication key are furnished to said reproduction  
program after installing said reproduction program, the contents data stored in ~~an external~~  
~~storage medium~~ a compact disc connected to the data processor are acquired using said first  
master key for storage, said reproduction program is configured to execute ~~executing~~  
authentication with ~~respect to~~ said portable reproducing device using the so-furnished first  
authentication key and first master key before said contents is transmitted/received between  
said data processor and said portable reproducing device,

said data processor also ~~being~~ configured so that, when ~~transmission/reception of the~~  
contents data is distributed from said contents server to said reproduction program ~~is made~~  
~~with said portable reproducing device,~~ a second master key different from said first master  
key and a second authentication key different from the first authentication key are furnished  
over the network, the contents data furnished from said contents server are acquired using the  
so-furnished second master key for storage, and authentication with respect to the portable  
reproducing device is performed ~~made~~ using the so-furnished second authentication key and  
the second master key before said contents is transmitted/received between said data

processor and said portable reproducing device to effect transmission/reception of the contents data.

Claim 2 (Original): The contents purveying system according to Claim 1 wherein said portable reproducing device holds first to i'th authentication keys updated in generation from the first to the i'th generation, i being an integer equal to 2 or larger, and first to i'th master keys updated in generation from the first to the i'th generation, i being an integer equal to 2 or larger;

said reproducing program being furnished over the network with second to i'th authentication keys updated in generation from the second to the i'th generation, i being an integer equal to 2 or larger, and second to i'th master keys updated in generation from the second to the i'th generation, i being an integer equal to 2 or larger;

said portable reproducing device performing reciprocal authentication with said reproduction program using the authentication key of the same generation.

Claim 3 (Original): The contents purveying system according to Claim 2 wherein if said portable reproducing device performing reciprocal authentication with said reproduction program is using an authentication key and a master key of a generation older than the generation used by said reproduction program, the portable reproducing device updates the own authentication key and master key until the generation used by said reproduction program.

Claim 4 (Original): The contents purveying system according to Claim 2 wherein if said reproduction program performing reciprocal authentication with said portable reproducing device is using an authentication key and a master key of a generation older than

that used by said portable reproducing device, said reproduction program asks said contents server for a key to update the own authentication key and the own master key up to the generation used by said portable reproducing device.

Claim 5 (Original): The contents purveying system according to Claim 2 wherein, if accessed by said contents server, said contents server furnishes an authentication key and a master key of a generation later than that of the authentication key used by said reproduction program to update the generation of the authentication key used by said reproduction program.

Claims 6-10 (Canceled).

Claim 11 (Currently Amended): A method for furnishing key data to a data processing apparatus, ~~wherein comprising:~~

furnishing a first key ~~is furnished~~ to said data processing apparatus on which a contents reproducing program ~~has been~~ is installed;

using said first key data ~~being used for acquiring~~ to acquire contents data stored in a compact disc an external recording medium for storage in said data processing apparatus, and using said first key data ~~also being used in~~ to perform authentication between said data processing apparatus and ~~for transmission/reception of said contents data with~~ a portable reproducing apparatus connected to said data processing apparatus before transmitting/receiving said contents between said data processing apparatus and said portable reproducing apparatus;

when ~~[[if]]~~ said portable reproducing apparatus and the program reproducing program from said data processing apparatus exchange ~~effects transmission/reception of~~ contents data distributed from said contents server,

second key data different from said first key data is furnished over a network; and  
wherein

said second key data is used for acquiring contents data furnished from said contents server for storage in said data processing apparatus, said second key data also being used ~~for~~ to perform authentication between ~~[[of]]~~ said data processing apparatus and said portable reproducing apparatus before transmitting/receiving said contents between said data processing apparatus and said portable reproducing apparatus ~~in order to effect transmission/reception of the contents data from said contents server.~~

Claim 12 (Original): The method for furnishing key data according to Claim 11 wherein the ID information of said portable reproducing apparatus and key data of an  $i$ th generation are transmitted to said data processing apparatus and wherein the generation of key data of said portable reproducing apparatus is updated based on the ID information of said portable reproducing apparatus.

Claim 13 (Original): The method for furnishing key data according to Claim 11 wherein the said portable reproducing apparatus holds the first to  $i$ th key data updated in generation from the first generation to the  $i$ th generation, where  $i$  is an integer not smaller than 2; and wherein

second to  $i$ th key data, updated in generation from the second to the  $i$ th generation, where  $i$  is an integer not smaller than 2, are furnished to said contents reproducing program over a network; whereby

said portable reproducing apparatus and the contents reproducing program performs authentication using an authentication key of the same generation.

Claim 14 (Original): The method for furnishing key data according to Claim 11 wherein, when accessing is made from said contents reproducing program, key data of a generation newer than the generation of the key data used by said contents reproducing program is furnished to said contents reproducing program to update the generation of the authentication key used by said contents reproducing program.

Claim 15 (Original): The method for furnishing key data according to Claim 11 wherein said first key is a ripping key for ripping contents from a compact disc.

Claim 16 (Original): The method for furnishing key data according to Claim 11 wherein said second key is a server connecting key for downloading contents from a contents server.

Claim 17 (Original): The method for furnishing key data according to Claim 11 wherein said first key data includes a first master key and a first authentication key; and wherein

said second key data includes a second master key and a second authentication key.

Claim 18 (Original): The method for furnishing key data according to Claim 11 wherein said first key data is furnished from an external storage medium.

Claim 19 (Original): The method for furnishing key data according to Claim 11 wherein said first key data is furnished from a server device.

Claim 20 (Original): The method for furnishing key data according to Claim 11 wherein said second key data is furnished from a server device.

Claim 21 (Currently Amended): An apparatus for furnishing key data to a data processing apparatus, comprising:

transmission means for transmitting a first key to said data processing apparatus on which a contents reproducing program is ~~has been~~ installed;

the data processing apparatus configured to use said first key data ~~being used for acquiring to acquire~~ contents data stored in ~~an external recording medium~~ a compact disc for storage in said data processing apparatus, and using said first key data also being used in to perform authentication between said data processing apparatus and ~~for transmission/reception of said contents data with~~ a portable reproducing apparatus connected to said data processing apparatus before transmitting/receiving said contents between said data processing apparatus and said portable reproducing apparatus; wherein

when ~~[[if]]~~ said portable reproducing apparatus and the program reproducing program from said data processing apparatus exchange ~~effect transmission/reception of~~ contents data distributed from said contents server,

said transmission means furnishes second key data different from said first key data over a network; and wherein

said second key data is used for acquiring contents data furnished from said contents server for storage in said data processing apparatus, said second key data also being used to perform ~~for~~ authentication between ~~[[of]]~~ said data processing apparatus and said portable

reproducing apparatus before transmitting/receiving said contents between said data processing apparatus and said portable reproducing apparatus in order to effect transmission/reception of the contents data from said contents server.

Claim 22 (Currently Amended): A data processing apparatus connected to a compact disc and a portable reproducing apparatus, comprising: including

a contents reproducing program for reproducing configured to reproduce contents data, ~~in which the data processing apparatus is connected to an external storage medium and to a portable reproducing apparatus;~~ and

~~in which~~ the data processing apparatus is configured to acquire content ~~acquires~~ contents data from said ~~external storage medium~~ compact disc and furnish ~~furnishes~~ contents content data ~~furnished~~ from said compact disc ~~external storage medium~~ to said portable reproduction apparatus, wherein

first key data furnished by said contents reproducing program for use in storing contents data supplied from said compact disc ~~external storage medium~~ is used for authentication in acquiring contents data stored in said compact disc ~~external storage medium~~ for transmission/reception; and wherein

when the contents reproducing program transmits/receives ~~effects~~ ~~transmission/reception of~~ the contents data distributed from a contents server, second key data different from said first key data is furnished over a network, said second key data furnished being used for authentication in acquiring contents data furnished from said contents server.

Claim 23 (Original): The data processing apparatus according to Claim 22 wherein said contents reproducing program is included in a comprehensive management unit

processing the copyright management, said comprehensive management unit being stored by being installed from an external storage medium.

Claim 24 (Original) The data processing apparatus according to Claim 23 wherein key data for the 0th generation as said first key data is acquired at the same time as said comprehensive management unit is installed.

Claim 25 (Original): The data processing apparatus according to Claim 22 wherein said first key data is furnished by an external storage medium.

Claim 26 (Original): The data processing apparatus according to Claim 22 wherein said first key data is furnished from a server device.

Claim 27 (Original): The data processing apparatus according to Claim 22 wherein said second key data is furnished from a server device.

Claim 28 (Original): The data processing apparatus according to Claim 22 wherein the key data is updated in generation by receiving the ID information of a portable reproducing apparatus acquired from a key data furnishing server and key data of the  $i$ th generation, and wherein said key data is transferred to the portable reproducing apparatus based on the ID information of said portable reproducing apparatus to update key data of said portable reproducing apparatus.

Claim 29 (Original): The data processing apparatus according to Claim 22 wherein if the generation of the key data of the  $(i+k)$ th generation of said portable reproducing apparatus



is larger than the generation of the key data of the  $i$ th generation stored in said data processing apparatus, request of key data of the new generation is issued over a network to a key data furnishing server; key data of the  $(j+k)$ th generation distributed from said key data furnishing server being received to update the generation of the key data.

Claims 30-37 (Canceled).

Claim 38 (Currently Amended): A recording medium having stored therein a program for reproducing contents data, in which the recording medium is connected to ~~an external storage medium~~ compact disc and to a portable reproducing apparatus, and in which the program is executed on a data processing apparatus adapted for acquiring contents data from said ~~external storage medium~~ compact disc and for furnishing contents data furnished from said ~~external storage medium~~ compact disc to said portable reproduction apparatus, wherein

the recording medium has stored therein a program which permits said data processing apparatus to operate in such a manner that

first key data furnished by said contents reproducing program for use in storing contents data supplied from said ~~external storage medium~~ compact disc is used for authentication in acquiring contents data stored in said ~~external storage medium~~ compact disc to effect transmission/reception; and that

when the contents reproducing program transmits/receives effects ~~transmission/reception~~ of the contents data distributed from a contents server, second key data different from said first key data is furnished over a network, said second key data furnished being used for authentication in acquiring contents data furnished from said contents server.

Claim 39 (Currently Amended): A portable reproducing apparatus connected to a data processing apparatus having a contents reproducing program for reproducing contents data, in which contents data furnished from said data processing apparatus is stored in a recording medium for reproduction, wherein

inherent ID information and key data of plural generations are stored from the outset;

first key data supplied to said contents reproducing program in said data processing apparatus and used for storing the contents data furnished from a compact disc ~~an external storage medium~~ connected to said data processing apparatus is used to perform effect authentication with said data processing apparatus in acquiring contents data stored in said ~~external storage medium~~ compact disc connected to said data processing apparatus;

and wherein

when said contents reproducing program performs effects transmission/reception of contents data distributed from the contents server, second key data different from said first key data is furnished to said data processing apparatus over a network;

the key data of the same generation as the second key data furnished being used to perform effect authentication in acquiring the contents data furnished from said contents server to receive said contents data from said data processing apparatus.

Claim 40 (Original): The portable reproducing apparatus according to Claim 39 wherein authentication keys of plural generations and master keys of plural generations are stored from the outset.

Claim 41 (Original): The portable reproducing apparatus according to Claim 39 wherein said first key data is a ripping key for ripping contents data from a compact disc and wherein the contents data can be acquired from said compact disc by said ripping key.

Claim 42 (Original): The portable reproducing apparatus according to Claim 39 wherein said second key data is a server connecting key for downloading contents data from a server device and wherein the contents data can be acquired from said server device by said server connecting key.

Claim 43 (Original): The portable reproducing apparatus according to Claim 39 wherein if, in authentication with said contents reproducing program, key data of a generation older than the generation used in said contents reproducing program is used, own key data is updated in generation up to the generation used by said contents reproducing program.

Claim 44 (Original): The portable reproducing apparatus according to Claim 39 wherein first to  $i$ th key data, updated in generation from the first to the  $i$ th generation, are held, and wherein

key data of the same generation among second to  $i$ th key data furnished over a network from said contents reproducing program and updated in generation from the second to the  $i$ th generation, where  $i$  is an integer not smaller than 2, is used to effect authentication with said contents reproducing program.

Claims 45-49 (Canceled).

Claim 50 (Currently Amended): A recording medium connected to a data processing apparatus having a contents reproducing program for reproducing contents data, in which the recording medium has stored therein a program executed by a portable reproducing apparatus adapted for storing and reproducing contents data furnished by said data processing apparatus, wherein

inherent ID information stored in said portable reproducing apparatus from the outset and key data of plural generations are used; and wherein

the recording medium has stored therein a program for permitting said portable reproducing apparatus in such a manner that

key data of the same generation as the first key data supplied to said contents reproducing program in said data processing apparatus and used for storing the contents data furnished from ~~an external storage medium~~ a compact disc connected to said data processing apparatus is used to perform ~~effect~~ authentication with said data processing apparatus in acquiring contents data stored in said ~~external storage medium~~ compact disc connected to said data processing apparatus to receive contents data stored in said compact disc ~~external storage medium~~;

and wherein

when said contents reproducing program performs ~~effects~~ transmission/reception of contents data distributed from the contents server, second key data different from said first key data is furnished to said data processing apparatus over a network;

~~the~~ key data of the same generation as the second key data furnished being used to perform ~~effect~~ authentication in acquiring the contents data furnished from said contents server to receive said contents data from said data processing apparatus.